

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Please cancel claims 1-44 and insert new claims 45-50 as presented below.

45 (New). A compound comprising a plurality of linked nucleosides, wherein:  
at least one of the nucleosides is a 2'-deoxy-2'-fluoro, 2'-O-C<sub>1</sub>-C<sub>20</sub>-alkyl,  
2'-O-C<sub>2</sub>-C<sub>20</sub>-alkenyl, 2'-O-C<sub>2</sub>-C<sub>20</sub>-alkynyl, 2'-S-C<sub>1</sub>-C<sub>20</sub>-alkyl, 2'-S-C<sub>2</sub>-C<sub>20</sub>-alkenyl,  
2'-S-C<sub>2</sub>-C<sub>20</sub>-alkynyl, 2'-NH-C<sub>1</sub>-C<sub>20</sub>-alkyl, 2'-NH-C<sub>2</sub>-C<sub>20</sub>-alkenyl, 2'-NH-C<sub>2</sub>-C<sub>20</sub>-alkynyl  
nucleoside; and

at least one of the nucleosides is a 5' terminal nucleoside having a non-aromatic  
lipophilic molecule linked to the 5'-position of the nucleoside.

46 (New). The compound of claim 45 wherein at least one of said nucleosides is a  
2'-deoxy-2'-fluoro or a 2'-methoxy nucleoside.

47 (New). A compound comprising a plurality of linked nucleosides, wherein:  
at least one of the nucleosides is a 2'-deoxy-2'-fluoro, 2'-O-C<sub>1</sub>-C<sub>20</sub>-alkyl,  
2'-O-C<sub>2</sub>-C<sub>20</sub>-alkenyl, 2'-O-C<sub>2</sub>-C<sub>20</sub>-alkynyl, 2'-S-C<sub>1</sub>-C<sub>20</sub>-alkyl, 2'-S-C<sub>2</sub>-C<sub>20</sub>-alkenyl,  
2'-S-C<sub>2</sub>-C<sub>20</sub>-alkynyl, 2'-NH-C<sub>1</sub>-C<sub>20</sub>-alkyl, 2'-NH-C<sub>2</sub>-C<sub>20</sub>-alkenyl, 2'-NH-C<sub>2</sub>-C<sub>20</sub>-alkynyl  
nucleoside; and

at least one of the nucleosides is a 5' terminal nucleoside having a non-aromatic  
molecule linked to the 5'-position of the nucleoside.

48 (New). The compound of claim 47 wherein at least one of said nucleosides is a  
2'-deoxy-2'-fluoro or a 2'-methoxy nucleoside.

49 (New). A compound comprising a plurality of linked nucleosides, wherein:  
at least one of the nucleosides is a 2'-deoxy'-2'-fluoro, 2'-O-C<sub>1</sub>-C<sub>20</sub>-alkyl,  
2'-O-C<sub>2</sub>-C<sub>20</sub>-alkenyl, 2'-O-C<sub>2</sub>-C<sub>20</sub>-alkynyl, 2'-S-C<sub>1</sub>-C<sub>20</sub>-alkyl, 2'-S-C<sub>2</sub>-C<sub>20</sub>-alkenyl,  
2'-S-C<sub>2</sub>-C<sub>20</sub>-alkynyl, 2'-NH-C<sub>1</sub>-C<sub>20</sub>-alkyl, 2'-NH-C<sub>2</sub>-C<sub>20</sub>-alkenyl, 2'-NH-C<sub>2</sub>-C<sub>20</sub>-alkynyl  
nucleoside; and

at least one of the nucleosides is a 5' terminal nucleoside having a lipophilic molecule  
linked to the 5'-position of the nucleoside.

50 (New). The compound of claim 49 wherein at least one of said nucleosides is a  
2'-deoxy-2'-fluoro or a 2'-methoxy nucleoside.